

ABSTRACT OF THE DISCLOSURE

Well pumping of fluids having low hydrostatic pressure is provided through a combination of jet pumping and gas assisted lifting. A jet pump is located in a borehole in a producing zone of a well, and a source of gas is introduced into the fluid returning from the production location. The gas may be injected into the fluid used to operate the jet pump, such that the gas remains compressed until exiting the jet pump, and then provides assistance in lifting the returning fluid.